

Abstract

The invention relates to a hydraulic coupler for a fuel injection valve, having a booster piston (6) that can be coupled to an actuator (4), in particular a piezoelectric actuator, and having an additional booster piston (7) that can be coupled to a nozzle needle, in which a lifetime filling of a hydraulic fluid is provided between the two booster pistons (6, 7) to hydraulically couple the two booster pistons to each other. In order to create a coupler that is simple in design and inexpensive to manufacture, one end of one of the booster pistons (7) is guided in an end of the other booster piston (6). A booster chamber (14), which is situated between the end (12) of the one booster piston (7) and the other booster piston (6), communicates with an additional enclosure (15) for hydraulic fluid, which is sealed shut by means of a spring/sealing element (17).

(Fig. 1)